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| Year  7 | Mathematics Practice Test –  Angle Properties | **Calculator Practice Test** |
|  | Name |  |

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| 1. | The angle marked could be labelled as : |
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| 2. | The angle marked could be labelled as : |
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| 3. | Which is true about an angle which measures ?  It’s complement is 34o.  It is an obtuse angle.  It’s supplement is 134o.  It is a right angle. |
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| 4. | Complete the statement below.  Angles which measure 72o and o are supplementary. |
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| 5. | The captain of a ship wants to make a large change in direction. To do this gradually, he turns the ship through 20o clockwise every 10 minutes. How many 20o turns are needed before he has turned through a reflex angle?  7 turns 9 turns 10 turns 11 turns |
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| 6. | Which diagram shows a pair of vertically opposite angles? |
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| 7. | What is the size of angle STU?  o |
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| 8. | What is the size of the shaded angle?  38o 48o  142o 52o |
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| 9. | Four struts of a bridge join at a point as shown.  What is the value of *x*?  *x =* o |
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| 10. | Two straight roads intersect at the angles shown.  Which statement is **not** true?  *a = b.*  *a = d*.  *b = c*.  *a + b* = 180. |
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| 11. | The lines *PQ* and *RS* intersect at *T.*    Which is true? |
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| 12. | The lines *KL* and *MN* are parallel.  Which is true? |
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| 13. | *EF* is parallel to *GH*. What is the value of *x*?  34o 124o  56o 146o |
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| 14. | *AB* is parallel to *CD*.  What is the value of *x*?  *y =* o |
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| 15. | The lines *PQ* and *RS* are parallel lines.  What is the size of the acute |
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| 16. | Which is true ? |
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| 17. | A lighting rig is shown. Beams AB and CD are horizontal and BD is vertical.  What is the value of *x* ?  *x =* o |
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| 18. | The diagram shows part of a roof structure.  What is the value of y?  *y* = |
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| 19. | A ride at a fun park swings back and forth as shown. What angle does the ride turn through in going from Position A to Position B?    214o clockwise.  214o anticlockwise.  107o clockwise.  146o anticlockwise. |
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| 20. | What is the value of *z* ?  *z =* o |
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